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Dated: March 4, 2005

Signature: *Patricia Barnes*  
(Patricia Barnes)

Docket No.: 46943CIP2(71758)  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Jin-An Jiao et al.

Application No.: 09/990,586

Confirmation No.: 2050

Filed: November 21, 2001

Art Unit: 1644

For: ANTIBODIES FOR INHIBITING BLOOD  
COAGULATION AND METHODS OF  
USE THEREOF

Examiner: M. M. Haddad

**FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed after the mailing date of a Final Office Action or Notice of Allowance, whichever occurred first, but on or before payment of the Issue Fee (37 CFR 1.97(d)). Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered.

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 04-1105 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 46943CIP2(71758). A duplicate copy of this paper is enclosed.

Dated: March 4, 2005

Respectfully submitted,

By   
Robert L. Buchanan

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Attorney for Applicant



Application No. (if known): 09/990,586

Attorney Docket No.: 46943CIP2(71758)

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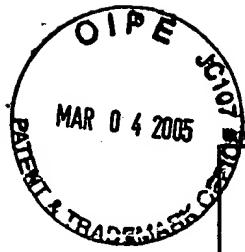
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IDS (Citation) by Applicant (2 References) (1 page)  
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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/990,586-Conf. #2050
		Filing Date	November 21, 2001
		First Named Inventor	Jin-An Jiao
		Art Unit	1644
		Examiner Name	M. M. Haddad
Total Number of Pages in This Submission		Attorney Docket Number	
		46943CIP2(71758)	

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	EDWARDS & ANGELL, LLP		
Signature			
Printed name	Robert L. Buchanan		
Date	March 4, 2005	Reg. No.	40,927

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Substitute for form 1449A/B/PTO				<i>Complete if Known</i>	
				Application Number	09/990,586-Conf. #2050
				Filing Date	November 21, 2001
				First Named Inventor	Jin-An Jiao
				Art Unit	1644
				Examiner Name	M. M. Haddad
Sheet	1	of	1	Attorney Docket Number	
46943CIP2(71758)					

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
BA	WO 9405328		03/17/1994	The Scripps Research Inst.	X

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CA	CAULFIELD, M.J. et al. "A Pathogenic Monoclonal Antibody, G8, Is Characteristic Of Antierythrocyte Autoantibodies From Coombs'-positive NZB Mice", J. Immunol. 148 (7), pp. 2068-2073 (1992), (Abstract only).				

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